

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/753,851

DATE: 02/03/2000
TIME: 11:13:49

INPUT SET: S34624.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

1
2
3 (1) General Information:
4
5 (i) APPLICANT: WEINBERG, J. BRICE
6 HAYNES, BARTON F.
7
8 (ii) TITLE OF INVENTION: AN ADHESION MOLECULE
9
10 (iii) NUMBER OF SEQUENCES: 16
11
12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: NIXON & VANDERHYE P.C.
14 (B) STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
15 (C) CITY: ARLINGTON
16 (D) STATE: VIRGINIA
17 (E) COUNTRY: U.S.A.
18 (F) ZIP: 22201-4714
19
20 (v) COMPUTER READABLE FORM:
21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
25
26 (vi) CURRENT APPLICATION DATA:
27 (A) APPLICATION NUMBER: 08/753,851
28 (B) FILING DATE:
29 (C) CLASSIFICATION:
30
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: US 08/047,068
33 (B) FILING DATE: 16-APR-1993
34
35 (A) APPLICATION NUMBER: US 07/945,581
36 (B) FILING DATE: 16-SEP-1992
37
38 (vii) PRIOR APPLICATION DATA:
39 (A) APPLICATION NUMBER: US 07/682,518
40 (B) FILING DATE: 09-APR-1991
41
42 (vii) PRIOR APPLICATION DATA:
43 (A) APPLICATION NUMBER: US 07/669,730
44 (B) FILING DATE: 15-MAR-1991
45
46 (viii) ATTORNEY/AGENT INFORMATION:

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47 (A) NAME: WILSON, MARY J.
48 (B) REGISTRATION NUMBER: 32,955
49 (C) REFERENCE/DOCKET NUMBER: 1579-21
50
51 (ix) TELECOMMUNICATION INFORMATION:
52 (A) TELEPHONE: (703) 816-4000
53 (B) TELEFAX: (703) 816-4100
54 (C) TELEX: 200797 NIXN UR
55
56
57 (2) INFORMATION FOR SEQ ID NO:1:
58
59 (i) SEQUENCE CHARACTERISTICS:
60 (A) LENGTH: 22 amino acids
61 (B) TYPE: amino acid
62 (D) TOPOLOGY: linear
63
64 (ii) MOLECULE TYPE: peptide
65
66
67
68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
69
70 Cys Glu Lys Asn Gly Arg Tyr Ser Ile Ser Arg Thr Glu Ala Ala Asp
71 1 5 10 15
72
73 Cys Cys Lys Ala Phe Asn
74 20
75
76 (2) INFORMATION FOR SEQ ID NO:2:
77
78 (i) SEQUENCE CHARACTERISTICS:
79 (A) LENGTH: 23 amino acids
80 (B) TYPE: amino acid
81 (D) TOPOLOGY: linear
82
83 (ii) MOLECULE TYPE: peptide
84
85
86
87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
88
89 Cys Asn Thr Ser Gln Tyr Asp Thr Tyr Cys Phe Asn Ala Ser Ala Pro
90 1 5 10 15
91
92 Pro Glu Glu Asp Cys Thr Ser
93 20
94
95 (2) INFORMATION FOR SEQ ID NO:3:
96
97 (i) SEQUENCE CHARACTERISTICS:
98 (A) LENGTH: 32 amino acids
99 (B) TYPE: amino acid

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100 (D) TOPOLOGY: linear
101
102 (ii) MOLECULE TYPE: peptide
103
104
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
107
108 Cys Arg Asp Gly Thr Arg Tyr Val Gln Lys Gly Glu Tyr Arg Thr Asn
109 1 5 10 15
110
111 Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp Asp Asp Val Ser Ser
112 20 25 30
113
114
115 (2) INFORMATION FOR SEQ ID NO:4:
116
117 (i) SEQUENCE CHARACTERISTICS:
118 (A) LENGTH: 42 amino acids
119 (B) TYPE: amino acid
120 (D) TOPOLOGY: linear
121
122 (ii) MOLECULE TYPE: peptide
123
124
125
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
127
128 Cys Arg Asp Gly Thr Arg Tyr Val Gln Lys Gly Glu Tyr Arg Ile Asn
129 1 5 10 15
130
131 Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp Asp Asp Val Ser Ser
132 20 25 30
133
134 Gly Ser Ser Ser Glu Arg Ser Ser Thr Ser
135 35 40
136
137 (2) INFORMATION FOR SEQ ID NO:5:
138
139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 21 amino acids
141 (B) TYPE: amino acid
142 (D) TOPOLOGY: linear
143
144 (ii) MOLECULE TYPE: peptide
145
146
147
148 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
149
150 Cys Tyr Arg Thr Asn Pro Glu Asp Ile Tyr Pro Ser Asn Pro Thr Asp
151 1 5 10 15
152

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153 Asp Asp Val Ser Ser
154 20
155
156 (2) INFORMATION FOR SEQ ID NO:6:
157
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 21 amino acids
160 (B) TYPE: amino acid
161 (D) TOPOLOGY: linear
162
163 (ii) MOLECULE TYPE: peptide
164
165
166
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
168
169 Cys Thr Val His Pro Ile Pro Asp Glu Asp Ser Pro Trp Ile Thr Asp
170 1 5 10 15
171
172 Ser Thr Pro Arg Ile
173 20
174
175 (2) INFORMATION FOR SEQ ID NO:7:
176
177 (i) SEQUENCE CHARACTERISTICS:
178 (A) LENGTH: 21 amino acids
179 (B) TYPE: amino acid
180 (D) TOPOLOGY: linear
181
182 (ii) MOLECULE TYPE: peptide
183
184
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
187
188 Asp Ser Pro Trp Ile Thr Asp Ser Thr Asp Arg Ile Phe Ala Thr Arg
189 1 5 10 15
190
191 Asp Gln Asp Thr Ile
192 20
193
194 (2) INFORMATION FOR SEQ ID NO:8:
195
196 (i) SEQUENCE CHARACTERISTICS:
197 (A) LENGTH: 35 amino acids
198 (B) TYPE: amino acid
199 (D) TOPOLOGY: linear
200
201 (ii) MOLECULE TYPE: peptide
202
203
204
205 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

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206
207 Cys Ala Thr Arg Asp Gln Asp Thr Phe His Pro Ser Gly Gly Ser His
208 1 5 10 15
209
210 Thr Thr His Glu Ser Glu Asp Gly His Ser His Gly Ser Gln Glu Gly
211 20 25 30
212
213 Gly Ala Asn
214 35
215

(2) INFORMATION FOR SEQ ID NO:9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 13 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

229 Cys Arg Asp Gly Ile Arg Tyr Val Gln Lys Gly Glu Tyr
230 1 5 10
231

(2) INFORMATION FOR SEQ ID NO:10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

245 Pro Ser Asn Pro Thr Asp Asp
246 1 5
247

(2) INFORMATION FOR SEQ ID NO:11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

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SEQUENCE VERIFICATION REPORT
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